

# Work Order ID 55371

January 14, 2010 2:32:18 PM



Page 1

Item ID: D4049-4

Accept



Setup Start



Revision ID:

Stop



Item Name: Mounting Plate, RH

Start Date: 1/14/10 Start Qty: 1.00



Cust Item ID:

Required Date: 1/21/10 Req'd Qty: 1.00

Customer:

Reference:

Run Start



Approvals: Process Plan: *[Signature]*

Date: 10-1-14

Tooling:

Date:

Stop



QC:

Date:

SPC (Y/N):

Date:

Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Draw  
Number

Draw  
Rev.

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

Draw Nbr

Revision Nbr

D4049

PA2

100

0.00



Waterjet

Memo

0.00

FLOW CNC Waterjet

1-Cut as per Dwg D4049 (same as D4049-3)

Dwg Rev: *PRF*  
Prog Rev: *Lim*

2-Deburr if necessary

*RB 10-1-15*



110

QC2- Inspect parts off machine FAI/FAIB

0.00



QC

Memo

0.00

Quality Control

*RB 10-1-15*

PRELIMINARY ISSUE

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Work Order ID 55371

January 14, 2010 2:32:18 PM

Item ID: D4049-4

Accept

Revision ID:

Item Name: Mounting Plate, RH

Start Date: 1/14/10 Start Qty: 1.00

Required Date: 1/21/10 Req'd Qty: 1.00

Reference:

Approvals:

Process Plan:

Date:

Tooling:

QC:

Date:

SPC (Y/N):

Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Draw  
Number

Draw  
Rev.

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

120

QC8- Inspect parts - second check

0.00



QC

Memo

0.00

Quality Control

130

Small Fab  
Memo  
Form as per dwg D4049

0.00



Small Fab

0.00

Small Fab

140

QC5- Inspect part completeness to step on W/O

0.00



QC

Memo

0.00

Quality Control

Eagle to bend  
and send back  
here  
give to David D.



⇒ 5/16/15

(X2)

11/16/22

Was Form at Calgary

⇒ 5/16/22

X  
-4

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

**Work Order ID 55371**

Page 3

January 14, 2010 2:32:18 PM

Item ID: D4049-4

Accept



Setup Start



Revision ID:

Stop



Item Name: Mounting Plate, RH

Start Date: 1/14/10 Start Qty: 1.00



Cust Item ID:

Required Date: 1/21/10 Req'd Qty: 1.00



Customer:

Reference:

Run Start



Approvals:

Process Plan:

Date:

Tooling:

Date:

Stop



QC:

Date:

SPC (Y/N):

Date:

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run HoursDraw  
NumberDraw  
Rev.Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

150

Identify as per dwg &amp; Stock Location: \_\_\_\_\_

0.00



Packaging

Memo

0.00

Packaging

160

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

A. Pothype  
test.  
10.01.30

W1002.08

PD0326

POSITIVE RECALL

EFFECTIVE 10.01.13 AUTH W

RELEASED \_\_\_\_\_ DATE \_\_\_\_\_

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

Page 1

January 14, 2010 2:33:50 PM

Work Order ID: 55371



Parent Item: D4049-4

Parent Item Name: Mounting Plate, RH

Start Date: 1/14/10

Required Date: 1/21/10

Comments: IPP RevA: new issue DD 10.01.12 verified by:EC

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
M304S11GA		Purchased	No			100	sf	91.8025	0.1663			



304/316 0.125 Sheet

B 10-1-14

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

MAT

112663

91.8025

91.8025

Q

112663

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

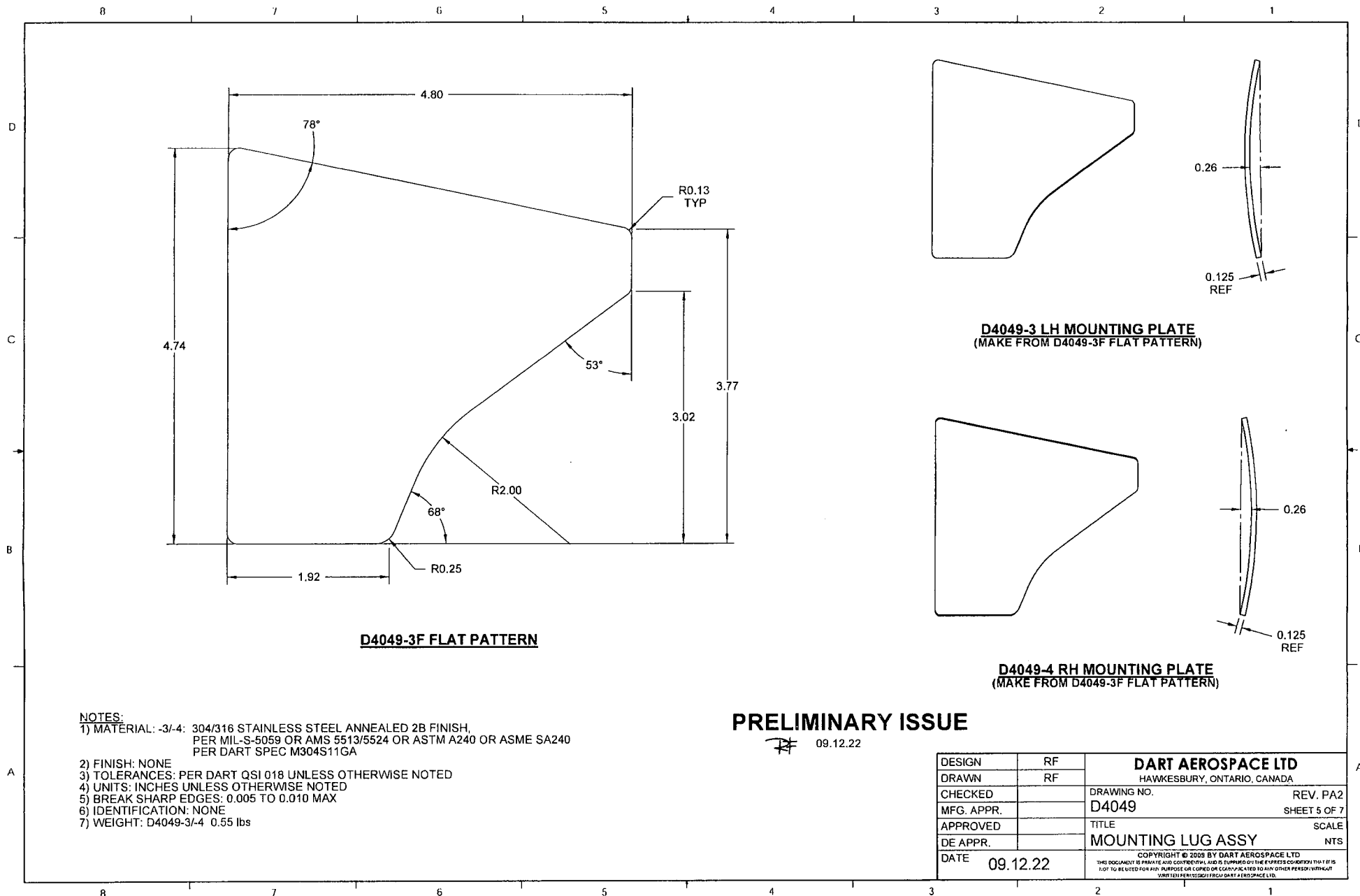
Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries







## Receiving Report

Date: 9/9/14  
 Supplier: MAGNA

Batch No: M112663  
 Dart P/O: 10386

Packing Slip: Yes ☒ No ☐  
 Invoice: Yes ☐ No ☒  
 Receipt: Cash ☐ Cr ☒

Release Note Attached: Yes ☒ No ☐ N/A ☐  
 Waybill Attached: Yes ☐ No ☒ N/A ☐  
 Shipment Complete: Yes ☒ No ☐ N/A ☐  
 QC6 Inspection ☒ N/A ☐  
 Work Order cr12345 N/A ☒

### Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments
<u>VU1A P-0</u>						

Initials of receiver (if shipment OK) Level 12 [Signature]

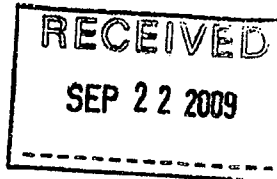
Production/Admin: 09/09/18  
 Date  
 Received/Costing CO  
 Initial

Location \_\_\_\_\_



**Magna Stainless**  
5775 Kieran St, Saint-Laurent QC H4S 0A3  
Phone: (514) 339-1211 Watts: 1-800-363-6646 Fax: (514) 339-1105

# INVOICE



Pg 1 of 1 I016580

SOLD TO:

DART AEROSPACE LTD  
1270 ABERDEEN STREET  
HAWKESBURY , ON  
K6A 1K7

SHIP TO:

DART AEROSPACE LTD  
1270 ABERDEEN STREET  
HAWKESBURY , ON  
K6A 1K7

MTR:Y

INVOICE DATE:	09/14/09
ORDER DATE:	09/10/09
SHIP DATE:	09/14/09
ORDER NUMBER:	W018232
PURCHASE ORDER:	PO10386

Currency:	Sales Person	Ship Via	F.O.B.	Terms
CANADIAN DOLLARS	ERYCK BLAIS	NIR:R-557065-1	PREPAID	NET 30 DAYS

Ln	Back Ordered	Ordered	Unit	Description	Shipped	Price Per	Value
		1	PC	ALUMINUM PLATE APL 6061 T6 1/4" x 48" x 96" L030701 1 PC/115 LB	1 UN	425.00	425.00
		3	PC	ALUMINUM ROUND BAR ARB 6061 T6 3/4" x R/L L030643 20' 3 PC/31 LB MUSY USE HT 7547	3 UN	24.00	72.00
		1	PC	STAINLESS FLATS SFL 304 3/4" x 2-1/2" x R/L L030099 14'1" 1 PC/92 LB	1 UN	272.00	272.00
		4	PC	STAINLESS SHEET SSH 304 2B 11ga x 48" x 96" L030454 4 PC/672 LB	4 UN	335.00	1,340.00

09/15/09 11:12:17

Merchandise:	2,109.00
Surcharges:	
No Tax Costs:	
GST	105.45
Total Due:	2,214.45

Title to the goods sent out on this invoice remains with Magna Stainless Div of CSM ULC until such time as this invoice has been paid in full. Unless otherwise noted terms are 30 days. Interest accrues on all overdue accounts at the rate of 1.5% per month compounded monthly.

Q.S.T. # 1213236471  
G.S.T. # 881565899 RT0001

September 18, 2009 9:22:02 AM

Page 1 of 1

All amounts are calculated in domestic currency.

All Vendors PO ID PO10386 Receipt Dates from 9/18/09 to 9/18/09 All Line Item Types  
All Item ID/GL/WOs All Rec. Employees All Currencies  
Grouped by Vendor ID

[illegible]



# Magna Stainless

5775 Kieran St, Saint-Laurent, Quebec H4S 0A3  
Phone: (514) 339-1211 Watts: 1-800-363-6646 Fax: (514) 339-1105

## PACKING LIST

I016580

Page: 1 of 1

SOLD TO:  
DART AEROSPACE LTD  
1270 ABERDEEN STREET

HAWKESBURY, ON  
K6A 1K7  
Contact: CHANTAL

SHIP TO:  
DART AEROSPACE LTD  
1270 ABERDEEN STREET

HAWKESBURY, ON  
K6A 1K7  
Ship Terms: PREPAID

SPECIAL INSTRUCTIONS
STOCK

MAGNA  
Q.C.  
MTR:Y

Currency		Sales Person	Customer Phone	Customer Fax	Customer PO	
CANADIAN DOLLARS		ERYCK BLAIS	(613) 632-5200	(613) 632-1053	PO10386	
Sales Order	Terms		Ship Via	Date Ordered	Date Required	Date Shipped
W018232	NET 30 DAYS		NIR:R-557065-1	09/10/09	09/14/09	09/14/09

Ordered	Back Ordered	Unit	Description	Bundle #	Heat #	Shipped
1		PC	ALUMINUM PLATE APL 6061 T6 1/4" x 48" x 96" ✓ 115 LB / 1 PC	L030701	S29050289	1
3		PC	ALUMINUM ROUND BAR ARB 6061 T6 3/4" x R/L ✓ 20' 31 LB / 3 PC MUSY USE HT 7547	L030643	7547	3
1		PC	STAINLESS FLATS SFL 304 3/4" x 2-1/2" x R/L 14'1" 92 LB / 1 PC	L030099	235875	1
4		PC	STAINLESS SHEET SSH 304 2B 11ga x 48" x 96" ✓ 672 LB / 4 PC	L030454	0584949	4
Ship with W018228 Bundles: 1 Skids: 1				Total	Weight:	910 LB

Received by: \_\_\_\_\_ Date: \_\_\_\_\_ Signature: \_\_\_\_\_



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO10386

Purchase Order Date 9/10/09  
PO Print Date 9/10/09

Page Number 1 of 3

Order From :

VC-MAG002

MAGNA STAINLESS  
5775 RUE KIERAN  
ST LAURENT, QC H4S 0A3  
CA

**FAXED**  
09/10/09

Contact Name

Vendor Phone 800 363 6646

Vendor Fax 514 339 1105

Vendor Account Nbr

Buyer

Requisition Nbr

Tax Resale Nbr 10127-2607

Terms Net 30

Currency CAD

FOB

Chantal Lavoie

Ship To :

DART AEROSPACE LTD 1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	M6061T6S.250	6061T6 SHEET .250	9/10/09 Yes	✓ 32.00 sf	Yours ppd 10/9/14	\$13.2800	\$424.96
Special Inst:			MAT: 6061-T6/T62 ALUMINUM SHEET SPEC: QC-A-250/11 OR AMS-QC-A- 250/11 OR AMS 4025 OR AMS 4027 OR ASTM B209				
2	M6061T6R0.625	6061-T6 Round Bar .625"	9/10/09 Yes	60.00 f	Yours ppd	\$0.8250	\$49.50
Special Inst:			MAT: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR SPEC: QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116) OR QQ-A- 200/8 OR AMS-QQ-A-200/8 (OR AMS 4160) OR ASTM B211 OR ASTM B221				
3	M6061T6R0.750	6061-T6 Round Bar .750"	9/10/09 Yes	✓ 60.00 f	Yours ppd 10/9/14	\$1.2000	\$72.00
Special Inst:			SAME AS ABOVE				

MATERIAL CERTIFICATION

REQ'D UPON DELIVERY

No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required when applicable

Change Nbr: 3

Change Date: 9/10/09



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO10386

Purchase Order Date 9/10/09

PO Print Date 9/10/09

Page Number 2 of 3

Order From :

VC-MAG002

MAGNA STAINLESS  
5775 RUE KIERAN  
ST LAURENT, QC H4S 0A3  
CA

Contact Name

Vendor Phone

800 363 6646

Vendor Fax

514 339 1105

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

CAD

FOB

4	M6061T6R1.125	6061 ROUND BAR 1.125	9/10/09 Yes	12.00 f	Yours ppd	\$4.1600	\$49.92
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Special Inst: SAME AS ABOVE

5	M6061T6B0.125X2.500	6061T6 BAR .125 X 2.50	9/18/09 Yes	12.00 f	Yours ppd	\$7.6600	\$91.92
---	---------------------	------------------------	----------------	------------	-----------	----------	---------

Special Inst: MAT: 6061-T6/T651/T6510/T6511/T62  
ALUMINUM BAR  
SPEC: QC-A-225/8 OR AMS-QC-A-225/8  
(OR AMS 4117/4128/4115/4116) OR QC-A-  
200/8 OR AMS-QQ-A-200/8 (OR AMS  
4160) OR ASTM B211 OR ASTM B221

6	M6061T6B0.500X01.000	6061-T6 Bar .500 x 1.00	9/18/09 Yes	24.00 f	Yours ppd	\$18.3300	\$439.92
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Special Inst: SAME AS ABOVE

7	M6061T6B2.000X03.500	6061-T6 Bar 2.00 x 3.50	9/18/09 Yes	24.00 f	Yours ppd	\$25.8300	\$619.92
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Special Inst: SAME AS ABOVE

8	M304B0.500X2.500	304 BAR .500 x 2.50	9/10/09 Yes	60.00 f	Yours ppd	\$15.0000	\$900.00
---	------------------	---------------------	----------------	------------	-----------	-----------	----------

MATERIAL CERTIFICATION  
REQ'D UPON DELIVERY

Special Inst: MAT: AISI 304/316 STAINLESS STEEL  
BAR (NOTE: AISI 303 NOT APPLICABLE)

No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required when applicable

Change Nbr: 3

Change Date: 9/10/09





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO10386

Purchase Order Date 9/10/09

PO Print Date 9/10/09

Page Number 3 of 3

Order From :

VC-MAG002

MAGNA STAINLESS  
5775 RUE KIERAN  
ST LAURENT, QC H4S 0A3  
CA

Contact Name

Vendor Phone

800 363 6646

Vendor Fax

514 339 1105

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

CAD

FOB

9	M304B0.750X2.500	304 BAR .750 X 2.50	9/10/09 Yes	48.00	Yours ppd f New York	\$27.9200	\$1,340.16
---	------------------	---------------------	----------------	-------	-------------------------	-----------	------------

Special Inst: SAME AS ABOVE

10	M304S11GA	304/316 0.125 Sheet	9/10/09 Yes	✓ 128.00 sf	Yours ppd	\$10.4700	\$1,340.16
----	-----------	---------------------	----------------	----------------	-----------	-----------	------------

Special Inst: MAT: AISI 304/316 SS SHEET  
ANNEALED 28 FINISH  
SPEC: MIL-S-5059 OR AMS 5513(304) OR  
AMS 5524 (316) OR ASTM A240 OR  
ASME SA240

PO Total: \$5,328.46

MATERIAL CERTIFICATION  
REQ'D UPON DELIVERY

Change Nbr: 3

Change Date: 9/10/09

No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required when applicable

# Acciaierie Valbruna S.p.A.



## ATTESTATO DI CONTROLLO - WERKSZEUGNIS TEST REPORT - RELEVÉ DE CONTRÔLE EN 10204 , 2.2

36100 VICENZA (Italia) - Viale della scienza, 25 z.i.

Stab.: 39100 BOLZANO (Italia) - Via A. Volta, 4

Cliente / Gesieler/Purchaser/Clien:  
**VALBRUNA CANADA LTD**  
8724 HULGATE CRESCENT  
CDN - MILTON, ONT L5T 5Z1 - CAN  
Produttore: **ACCIAIERIE VALBRUNA S.P.A.**  
Hersteller/Item/Usine producer

Avviso di Spedizione: D-VI03030068  
Lieferanzeige/Larking list-B L

Certificato nr: MEST055086/2003/  
Prüfung/Testschein

Conferma ordine nr: EI03007768  
Werk's Our Order/Ref n

Ordine nr: 309-929 / STOCK (2)  
Bestell/Your order-Commande

Marchio di fabbrica:  
Zeichen des Lieferanten  
Trade mark  
Sigle de l'usine: producer



Oggetto Prove: Descaled Annealed Hotrolled  
Prüfgegenstand/Item inspected-Finstage

Tipo di Elaborazione: E+AOD  
Erbschmelzungsart/Working process/Mode d'elaboration

Punzone del Collaudatore:  
Stempel des Werksachverständigen  
Inspector's stamp-Ponçon de l'essayeur

### Specifiche:

Anforderungen / Requirements / Evences

VAL CANADA 2 304/304L A (1)  
ASME (1) SA182 2001 S30400/03 (1)  
ASME (1) SA479 2001 S30400/03 (1)  
ASTM A262 2002 PRAC. A.C & E (1)  
ASTM A320 2001 B8 (1)  
MIL-S-862 B/1 304/304L (1)  
(1) SEC II P.T.A 2001 EDITION  
(1) Chemical analysis only  
(1) SEC II P.T.A 2001 EDITION  
(1) SEC II P.T.A 2001 EDITION  
(1) SEC II P.T.A 2001 EDITION  
(1) Chemical analysis only.

AMS 5639 H S30400 (1)  
ASME (1) SA193 2001 B8 (1)  
ASTM A182 2000C S30400/03 (1)  
ASTM A276 2000A S30400/03 (1)  
ASTM A479 2001 S30400/03 (1)  
NACE MR0175 2002 S30400/03 (1)

AMS 5647 H S30403 (1)  
ASME (1) SA320 2001 B8 (2)  
ASTM A193 2001A B8 (1)  
ASTM A314 97 S30400/03 (1)  
ASTM A484 2000 (1)  
QQ-S-763 F 304/304L (1)

OK  
P. 05.09.18

Qualità: T304/L  
Vielstoff/Quality/Qualité

Marca: AISI  
Markenbezeichnung/Brand/Qualité

Punzonatura  
Kennzeichnung/Marking/Markage

Pos. nr. Pos. nr. No. de piece	Oggetto Gegenstand Produit designtion Design du produit	Dimensioni - ft Abmessungen Dimensions Dimensions	Tolleranza Toleranz Allowance Tolerance	Lunghezza - Ft Länge Length Longueur	Colata Schmelze Heat Coulée	Pezzi Stückzahl Pieces Pièces	Peso - LB Gewicht Weight Poids	Lotto nr. Losn Lot nr Lot nr
0070	Flat	2,5000 0,7500	A48494A	12 / 14	235875		7.269	20311930

Sono state soddisfatte tutte le condizioni richieste  
Die gestellten Anforderungen sind in Anlage erfüllt  
The material has been tested in accordance with the requirements  
Le matériel a été prouvé conforme aux exigences

TEST	Prove/Prüfung Schmelze/Heat Schmelze/Heat Schmelze/Heat mm	°F	Prove/Prüfung Schmelze/Heat Schmelze/Heat Schmelze/Heat mm	Snervamento Zugversuch Tensile Test Rp 0,2% k.s.i.	Snervamento Zugversuch Tensile Test Rp 0,2% k.s.i.	Resistenza Zugversuch Tensile Test Rm k.s.i.	Allungamento Zugversuch Tensile Test Elongation %	Strizione Zugversuch Tensile Test Reduction of Area %	Resistenza Zugversuch Tensile Test Rm k.s.i.	Durezza Härte Rockwell HB
Valori richiesti 1 Anforderungen 1 Requirements 1 Exigences 1	min max		min max	30	-	75 115	- 40	- 50	-	140 223
A	12.50	68	L	50		93	58	70		182

Grain size for ASTM E112

6

111: longitudinalé längs, 045: transversal quer, T: Tangenzial tangential

### Analisi chimica

Chemische Zusammensetzung/Chemical Analysis/Analyse chimique

Colata: Schmelze/Heat Coulée	- min 0.030 max	1.00	2.00	18.00 20.00	1.30	1.00	8.00 10.50	0.040	0.030	0.100				
	C %	Si %	Mn %	Cr %	Mo %	Cu %	Ni %	Co %	P %	S %	N2 %			
235875	0,015	0,54	1,58	18,28	0,43	0,72	8,20	0,080	0,026	0,026	0,082			

Made in Italy. No welding or weld repair.  
Material free from Mercury or radio-activity contamination.

Vicenza, 23/10/03  
Mod. TBC.006

Il collaudatore di stabilimento  
Der Werksachverständige  
M. Frizzotto

Pagina - 1 di 2

# Acciaierie Valbruna S.p.A.



ATTESTATO DI CONTROLLO - WERKSZEUGNIS  
TEST REPORT - RELEVÉ DE CONTRÔLE  
EN 10204 , 2.2

36100 VICENZA (Italia) - Viale della scienza, 25 z.i.

Stab.: 39100 BOLZANO (Italia) - Via A. Volta, 4

Clienti / Destinatari / Purchasers / Clients

VALBRUNA CANADA LTD

8724 HOLGATE CRESCENT

CDN - MILTON, ONT L5T 5Z1 - CAN

Produttore: ACCIAIERIE VALBRUNA S.P.A.

Fabrikant / Hersteller / Usine productrice

Avviso di Spedizione: D-VI03030068

Lieferanzuge: Packung 1 bis 6 L

Certificato nr: MEST055086/2003/

Prüfung/Test/Essai:

Conferma ordine nr: EI03007768

Werk's-Qu. Order/Nr.

Marchio di Fabbrica:

Zeichen der Fabrikmarke

Trade mark

Signe de l'usine productrice



Oggetto: Prove: Descaled Annealed Hotrolled

Objekt: Gegenstand: Item inspected: Finissage

Tipo di Elaborazione: E+AOD

Erstellungszustand: Manufacturing process: Mode d'élaboration

Punzone del Collaudatore:

Stempel des Werkstachters/Endgen

Inspection: Fonction: Fonction de l'inspecteur

Produced without class I-II Ozone depleting substances.

Solution heat treated free from continuous carbide network.

Annealing temperature: 1960°F for 1 H/H<sub>2</sub>O.

Micro and macro etch test: OK

Intergranular corrosion test per ASTM A262.02 pr. A,C&E: ok

The Quality Management System is Certified acc. Pressure Equipment Directive (97/23/EC) Annex 1, s. 4.3 by TUEV and LLOYD'S

Vicenza, 23/10/03

Mod. 2B1.00C

Il collaudatore di stabilimento

der Werkstachters/Endgen

M. Rizzotto

Pagina - 2 di 2

## Material Test Report

Customer Ship To:

Magna Stainless Inc.  
5775 Kieran St.

St-Laurent

QB H4S 0A3

Our Order: 363645 - 2

Your PO # P006376

Part # 05593-000-240

Die: ES05593

Description: .750

Alloy Temper 6061 T6

Print Date: 8/25/2009

### Chemical Properties

Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	others each	others total	Al
0.40-0.8	0.7 max	0.15-.40	0.15 max	0.8-1.2	0.04-0.35	0.25 max	0.15	0.05	0.15	remain

### Mechanical Properties

#### Strength ksi

Test ID	Test Date	CastNum	Ultimate	Yield (2% Offset)	Elongation (2" gage length)
117652	8/25/09	7547	47.26	41.86	18.6

*Sub 1/2*

P006376

Applicable Specifications: ASTM B221-08 ASTM B308-02 ASTM B429 QQA200/8 QQA200/16

Can Art Aluminum Extrusion Inc. certifies that materials shipped under this order have been inspected and tested in accordance with Aluminum Association and agreed upon customer specifications. Can Art assumes no liability for additional costs which may be incurred during the customer's manufacture and sale of its products, and is subject only to the replacement of any materials not within agreed upon specifications provided written notification is received by Can Art within 30 days from the date of shipment.

Doug Barnes - Tensile Testing

Authorized

*Evan Eng*  
Evan Eng, Quality Assurance Mgr.

1548

MILL TEST CERTIFICATE	No: 3451	CERTIFIED SRAC-IONet	vimetco SLATINA
	Date: 7/2/2009	ISO 9001/2001 No. 10/4-2008	

CUSTOMER :

CONTRACT/ORDER : P.O. 1548  
BILL OF DELIVERY : 80047152  
TRUCK/CONTAINER : ZCSU 2700132

SHIPMENT OF 47,514.065 LBS ALUMINUM PLATES BRUSHED SURFACE AND SHEETS MILL FINISH IN ALLOY 6061 T651/T6, ACCORDING TO ASTM B-209-07, AMS-QQ-A-250/11 ED. 1997, AMS 4027N ED 2008, ANSI H35.2-2006 FROM CONSTANTA ROMANIA TO TORONTO, CANADA

MATERIAL : ALUMINIUM PLATES  
ALLOY : 6061  
DIMENSIONS (mm) : 70014501 - 0.250"THX48.50"WDX96.50"LT  
70014502 - 0.375"THX48.50"WDX96.50"LT  
TEMPER: T651

ACCORDING TO : ASTM B209; AMS-QQ-A-250/11; AMS 4027N; ANSI H35.2

ACTUAL MECHANICAL PROPERTIES													1 MPa = 1 N/mm2 = 0.145 ksi = 0.102 kgf/mm2	
1 lbs = 0.4536 kg						UTS		YTS		Elong. %	Hardness			
						KSI		KSI		50mm	HB			
						min.	max.	min.	max.	min.	min.			
Specified values:						42		35		10				
LOT / BATCH		CASE		NET WEIGHT lbs		Measured values:								
70014501		14357;14367		4,744.352		46		40.4		16				
S29050289						46.1		39.8		15				
70014502		14363;14529		4,761.989		45.7		38.7		18				
S29050289						45.8		39		17				
ACTUAL CHEMICAL ANALYSIS %														
BATCH		Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Ga	V	Al	
S29050289		0.73	0.46	0.27	0.1	0.99	0.073	0.007	0.057	0.019	0.001	0.001	REM.	
S29050289		0.73	0.46	0.27	0.1	0.99	0.073	0.007	0.057	0.019	0.001	0.001	REM.	
Acc. Standard	Min.	0.4		0.15		0.8	0.04						REM.	
	Max.	0.6	0.7	0.4	0.15	1.2	0.35	0.05	0.25	0.15	0.05	0.05		
Remarks:							Other-Each- Max.: 0.05			OthersTotal- Max.: 0.15				

REMARKS

ACCORDING TO: ASTM B 209-2007; AMS-QQ-A 250/11:1997; AMS 4027N:2008; ANSI H35.2-2006

We hereby certify that the material detailed hereon has been produced and tested according to the requirements of the relevant specification and/or order. Keep in dry conditions, without large temperatures variations. The differences between metal and air must be max 11 degrees C.

According to EN 10204:2004 3.1

QUALITY CONTROL DEPT.

S.G. ALRO S.A. SLATINA  
Punct de lucru Slatina  
Str. Milcov Nr. 1, Jud. OK  
Serv. CTC Director

ALRO S.A. No.116, Pitești Str. Phone: +40 0249 435 117; 0249 432 956 alro@alro.ro  
230048-Slatina-ROMANIA Fax: +40 0249 411 487; 0249 415 932 www.alro.ro



cod FI/PO-051/Rev.0/2007

2006496-529050289 (1/4")

## MILL TEST REPORT

TA CHEN INTERNATIONAL CORPORATION

www.tachen.com

This MTR contains 1 page (Page: 1)

MTR#: TXCL1594 Customer#: MAGDOR PO#: P006327 SO#: PE6925  
 Item#: 11GA18963042B Bundle#: H357230900 Heat#: 0584949

A company  
of ThyssenKrupp  
Stainless

ThyssenKrupp Mexinox

## TEST REPORT (CERTIFICADO)

CUSTOMER (CLIENTE):

MEXINOX USA

 PRODUCT IDENTIFICATION  
 IDENTIFICACION DEL PRODUCTO

ITEM No.	COIL No. No. DE ROLLO	PIECES PIEZAS	HEAT COLADA No.	TYPE AND FINISH TIPO Y ACABADO	DIMENSIONS DIMENSIONES	GROSS WT. PESO BRUTO	NET WT. PESO NETO
1	693635 AAAG	19	0584949	304 / 2B UNS S30400	48.00 X 96.00 X .120 1219.20 X 2438.40 X 3.050	3.113 1.412	2.954 1.340

 CHEMICAL COMPOSITION  
 COMPOSICION QUIMICA (%)

ITEM	C	Cr	Mn	N	NI	P	S	SI	OTHER ELEMENTS (OTROS ELEMENTOS)					
1	.0440	18.1800	1.2400	.0550	8.0200	.0270	.0010	.3300						

 MECHANICAL PROPERTIES  
 PROPIEDADES MECANICAS

ITEM No.	TEST No. No. MUESTRA	D	TENSILE S. R. TENSION	YIELD S. R. FLUENCIA	ELONGATION ALARGAMIENTO	HARDNESS DUREZA HRB
1	A760575 A760575	L	90068 psi 621 MPa	33665 psi 275 MPa	61.0	(HEAD) 82.0 / 82.0

THIS MATERIAL IS DP458 275.872-1 CLASS COMPLIANT. HEAT SOURCE: ITALY

THIS MATERIAL COMPLIES WITH CHEMICAL COMPOSITION ACCORDING TO ASTM A 240/A 240M-06 STD. NOM. AND IT COMPLIES ALSO WITH THE MECHANICAL AND CHEMICAL PROPERTIES ESTABLISHED IN THE FOLLOWING STDS.:

ASME SA240-95, 99-S-766-D, NTL-S-3059-D, AMS 5513G.

THIS MATERIAL IS FREE OF MERCURY CONTAMINATION



We hereby certify that in recognition of the terms and conditions set forth in the EU ROHS Directive 2002/95/EC, we can insure that all of our products and processes fully comply with it.

HECHO EN MEXICO / MADE IN MEXICO

PRINTED: 11:44:49 JUL-13-09

FORMATO No. 21 - 077-92 Rev. 2



TXCL1594

OK  
 CP 15.09.18

file:///C:/TEMP/VictorKluth\MTR.htm

8/13/2009